PTO/SB/08A (08-00)

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			PADEMARK	Application Number	10/623,092	
INFO	DRMATION	DIS	CLOSURE	Filing Date	July 18, 2003	
STA	TEMENT B	ΥA	PPLICANT	First Named Inventor	Joseph W. Roos	
				Group Art Unit	1755	
	(use as many she	ets as	necessary)	Examiner Name	Not Assigned	
Sheet	1	of	5	Attorney Docket Number	FI-7592	

			U.S. PATENT DOCU	MENTS	CLASS	SUBCUSS
Examiner Initials *	Cite No.1	U.S. Patent Document  Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	R200000	ings Where Relevant
M		US 6,361,754 B1	Peter-Hoblyn et al.	3/26/2002		<u></u> .
Cm		US 6,200,358 B1	Fleischer et al.	3/13/2001		_
Pan.		US 6,193,767 B1	Arters et al.	2/27/2001	_	
pm		6,152,972	Shustorovich et al.	11/28/2000		<u> </u>
pm		6,056,792	Barr et al.	5/2/2000		_
m		6,051,040	Peter-Hoblyn	4/18/2000		_
m		6,023,928	Peter-Hoblyn et al.	2/15/2000	-	_
m		6,003,303	Peter-Hoblyn et al.	12/21/1999	_	_
m		5,976,475	Peter-Hoblyn et al.	11/2/1999		_
An		5,953,906	Gamel et al.	9/21/1999		_
m		5,944,858	Wallace	8/31/1999		
m		5,928,392	Aradi	7/27/1999		
/m,		5,924,280	Tarabulski	7/20/1999	_	-
1		5,919,276	Jeffrey	7/6/1999		
m		5,912,190	Barr et al.	6/15/1999		
m		5,819,529	Peter-Hoblyn	10/13/1998	_	<b> </b> -
7%		5,813,224	Rao et al.	9/29/1998		_
1/2-		5,809,775	Tarabulski et al.	9/22/1998	_	
IN		5,809,774	Peter-Hoblyn et al.	9/22/1998		1 —
1		5,758,496	Rao et al.	6/2/1998		1-

				FOREIG	N PATENT DOCL	MENTS	CrAss	JUBEC 1855	
	Cite No. <sup>1</sup>	Foreign Patent Document		ment	Name of Patentee	Date of Publication of		humns, Lines,	
Examiner Initials*		Office <sup>3</sup>	Number	(ind Code <sup>5</sup> (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passag	s or Relevant	T <sub>6</sub>
		EP-	0 466 512	B1_	-Leeper	06/29/1994			
On		EP	0 507 510	A1	Hollrah et al	10/07/1992			
om		EP	0 667 387	A2	Perry et al	08/16/1995	_	_	
am		EP	0 668 899	B1	Peter-Hoblyn et al	09/20/2000			

Examiner Signature Date Considered 3/29/05

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.

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Substitut	te for form 144	9A/PTO		Complete if Known				
				Application Number	10/623,092			
INFO	DRMATI	ION DIS	CLOSURE	Filing Date	July 18, 2003			
STA	<b>TEMEN</b>	T BY A	PPLICANT	First Named Inventor	Joseph W. Roos			
				Group Art Unit	1755			
	(use as ma	ny sheets as	necessary)	Examiner Name	Not Assigned			
Sheet	2	of	5	Attorney Docket Number	EI-7592			

			U.S. PATENT DOCU	MENTS	CLASS,	SUBCLASS
Examiner Initials	Cite No.1	U.S. Patent Document  Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document		Pagas, Columns, t	ines, Where Relevant
17/10		5,732,548	Peter-Hoblyn	3/31/1998	-	
9/		5,679,116	Cunningham et al.	10/21/1997	~	
		5,599,357	Leeper	2/4/1997		
		5,584,894	Peter-Hoblyn et al.	12/17/1996	_	
		5,551,957	Cunningham et al.	9/3/1996	_	
		5,501,714	Valentine et al.	3/26/1996	_	
		5,376,154	Daly et al.	12/27/1994	-	
		5,340,369	Koch et al.	8/23/1994	_	
$\neg$		5,113,803	Holiran et al.	5/19/1992	_	
$\neg$		5,034,020	Epperty et al.	7/23/1991	_	
7		4,955,331	Hohr et al.	9/11/1990		
1		4,946,609	Pruess et al.	8/7/1990		
		4,908,045	Farrar	3/13/1990		
7		4,891,050	Bowers et al.	1/2/1990	_	
1		4,804,388	Kukin	2/14/1989	_	_
1		4,674,447	Davis	6/23/1987		-
T		4,670,020	Rao	6/2/1987		1 -
T		4,664,677	Dorer, Jr. et al.	5/12/1987		-
		4,588,416	Zaweski et al.	5/13/1986	_	
1	Ī	4,568,357	Simon	2/4/1986		1

			FOREIG	N PATENT DOCU	MENTS		SUCCLASS	
0.1	Foreign Patent Document		cument	Name of Patentee	Date of Publication of			
No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passage	oo Relevant	Te
	- EP	1 968 444	- <del></del>	Roos et al.	12-10-2003			
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	Cite No.1	Cite No.1 Office <sup>3</sup>	Office <sup>3</sup> Number <sup>4</sup>	Foreign Patent Document	Cite No.1 Foreign Patent Document Name of Patentee or Applicant of Cited Document  SP 1 368-444 A1 Roos et al.	Cite No. 1 Office 3 Number 4 Kind Code 5 (if known) Cited Document MM-DD-YYYY  EP 1 368-444 A1 Roos et al. 12-19-2003	Cite No. 1 Office Number 1 Kind Code or Applicant of Cited Document MM-DD-YYYY  EP 1 368-444 A1 Roos et al. 12-19-2803	Cite No. 1 Office Number Kind Code (if known)

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Substitut	e for form 1449A/PT(	)		Complete if Known			
				Application Number	10/623,092		
INFC	PRMATION	DIS	CLOSURE	Filing Date	July 18, 2003		
STA	TEMENT B	Y A	PPLICANT	First Named Inventor	Joseph W. Roos		
				Group Art Unit	1755		
	(use as many she	eets as	necessary)	Examiner Name	Not Assigned		
Sheet	3	of	5	Attorney Docket Number	EI-7592		

			U.S. PATENT DOCU	MENTS	CLASS	I SUBLEMS
Examiner Initials •	Cite No.1	U.S. Patent Document  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Passan Fior	ince Mhere Relevant or Relevant
		4,474,580	MacKenzie et al.	10/2/1984		
In		4,390,345	Somorjai	6/28/1983		
An		4,317,657	Niebylski	3/2/1982		T_ —
10/2		4,266,946	Niebylski	5/12/1981		
Ma.		4,175,927	Niebylski	11/27/1979		_
Vin.		4,139,349	Payne	2/13/1979		_
8m		4,104,036	Chao et al.	8/1/1978		
Yan		4,036,605	Hartle	7/19/1977		
9%		2,818,417	Brown et al.	12/31/1957		
1/2		2,151,432	Lyons et al.	3/21/1939		
40		2,086,775	Lyons et al.	7/13/1937	,	_
5m	-	20020112466	Roos et al.	8/22/2002		
Th		20030177758	Roos et al.	11/25/2003		
122		6,206,685	Zamansky, et al.	3/27/2001		
m		6,039,772	Orr	3/21/2001	-	
					T	

				FOREIGI	N PATENT DOCU	IMENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner Initials*	Cite No. <sup>1</sup>	For	eign Patent Do	ocument	Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant	
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )		Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sub>6</sub>
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Sut	bstitute	for form 1449	PA/PTO			Complete if Known			
18	IF $\triangle$		ON DIC	OLOGUDE	Application Number	10/623,092			
				CLOSURE	Filing Date	July 18, 2003			
S	TAT	EMEN	T BY A	PPLICANT	First Named Inventor	Joseph W. Roos			
					Group Art Unit	1755			
	- (	'use as mai	ny sheets as	necessary)	Examiner Name	Not Assigned			
Sh	eet	4	of	5	Attorney Docket Number	EI-7592			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т:
Bon		Faix, Louis J.; A study if the Effects of Manganese Fuel Additive on Automotive Emissions; SAE [Tech. Pap.], 780002, pp. 1-12	
On		Fekete, Nicholas; Gruden, Igor; Voigtlander, Dirk; Nester, Ulrich; Krutzsch, Bernd; Willand, Jurgen; and Kuhn, Michael; Advanced Engine Control and Exhaust Gas Aftertreatment of a Leanburn SI Engine; SAE [Tech. Pap] 972873; pp. 1-10	
Sin		Valentine, James M.; Clean Diesel Technologies Inc. Announces Test Results of Platinum/Cerium Diesel Fuel Additive; 203/327-7050, article in Diesel/Net News; 9/20/2002, pp. 1-2.	
Om		Eastwood, Peter; Critical Topics in Exhaust Gas Aftertreatment; Research Studies Press Ltd. (2000), pp. 215-218	
m		Lenane, D. L.; Effect of MMT on Emissions from Production Cars; SAE [Tech. Pap.], 780003, pp. 1-20 (1978)	)
Im		Lenane, D. L.; Effect of a Fuel Additive on Emission Control Systems; sae [Tech. Pap.] 902097, pp. 1-17	7)
Am		Farrauto, Robert J.; Mooney, John J.; Effects of Sulfur on Performance of Catalytic Aftertreatment Devices; SAE [Tech. Pap.] 920557, pp. 1-7 (Firem 1992)	
m		Jelles, S.J.; Makkee, M.; Moulijn, J.A.; Acres, G.J.K.; and Peter-Hoblyn, J.D., Diesel Particulate Control.  Application of an Activated Particulate Trap in Combination with Fuel Additives at an Ultra Low Dose Rate; SAE [Tech. Pap.], 1999-01-0113, pp. 1-8	
Sm		Eolys™ Fuel-Borne Catalyst for Diesel Particulates Abatement: A Key Component of an Integrated System, DieselNet Technical Report, Sept. 1999, pp.1-9.	
m		Guyon, M.; Blejean, F.; Bert, C.; LeFaou, PH.; Impact of Sulfur on Nox Trap Catalyst Activity-Study of the Regeneration Conditions; SAE [Tech. Pap.] 982607, pp. 87-95	

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Examiner Signature	happy	Date Considered	3/29/05	

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Substitute	Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE				Application Number	10/623,092
	NFORMATION DISCLOSURE TATEMENT BY APPLICANT		Filing Date	July 18, 2003	
STATEMENT BY APPLICANT		First Named Inventor	Joseph W. Roos		
				Group Art Unit	1755
(use as many sheets as necessary)		Examiner Name	Not Assigned		
Sheet	5	of	5	Attorney Docket Number	EI-7592

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
m		Arakawa, Kenji; Matsuda, Satoshi; and Kinoshita, Hiroo; Progress in Sulfur Poisoning Resistance of Lean NOx Catalysts; SAE [Tech Pap.] 980930, pp. 111-118	
Am		Dearth, Mark A.; Hepburn, Jeffrey S.; Thanasiu, Eva; McKenzie, JoAnne; Home, Scott G.; Sulfur Interaction with (Lean Nox Traps: Laboratory and Engine Dynamometer Studies; SAE [Tech. Pap.] 982595,(1998) pp. 1-9	octobo
m		Aradi, Allen A.; Roos, Joseph W.; Fort, Jr., Ben F.; Lee, Thomas E.; and Davidson, Robert I.; The Physical and Chemical Effect of Manganese Oxides on Automobile Catalytic Converters; SAE [Tech. Pap.] 940747, pp. 207-218	
(im		Bailie, J. D., Michalski, G. W.; Unzelman, G. H., MMT-A Versatile Antiknock; Natl. Pet. Refiners Assoc., [Tech. Pap.], AM-78-36, pp. 1-20	
Am		Valentine, James M.; Peter-Hoblyn, Jeremy D.; and Acres, G.K., Emissions Reduction and Improved Fuel Economy Performance from a Bimetallic Platinum/Cerium Diesel Fuel Additive at Ultra-Low Dose Rates; SAE [Tech. Pap], 2000-01-1934, pp. 1-9	
m		Guinther, Greg H.; Human, David M.; Miller, Keith T.; Roos, Joseph W.; and Schwab, Scott D.; The Role that Methylcyclopentadienyl Manganese Tricarbonyl (MMT®) Can Play in Improving Low-Temperature Performance of Diesel Particulate Traps; SAE (Tech. Pap.), 2002-01-2728, pp. 1-9	
Pm		Nelson, A.J.; Ferreira, J.L.; Reynolds, J.G.; Schwab, S.D.; and Roos, J.W.; X-Ray Absorption Characterization of Diesel Exhaust Particulates; Article in Materials Research Society Symposium Proceedings, Vol. 590, 2000, pp. 63-69	
Jm		Stultz, S.C., Kitto, J.B., Editors; "NOx Formation conditions"; Babcock & Wilcox, a McDermott Company: Steam, its generation and use. 40th ed., p. 34-4 to 34-9. 1992.	
M		MILLER, R. et al., "A Super-Extended Zel'dovich Mechanism for NOx modeling and Engine Calibration," SAE Technical Paper 980781, (1998.)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Col	mplete if Known
Application Number	10/623,092
Filing Date	July 18, 2003
First Named Inventor	Joseph W. ROOS et al.
Art Unit	Not assigned; Conf. No.: 2887
Examiner Name	Not assigned
Attorney Docket Number	AC-7592

			U. S. PATENT	DOCUMENTS	CHS 15084	
Examiner Cite Initials* No.1	Cite No.1	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Column of the Co
		Number-Kind Code <sup>2 (3 known)</sup>			Figure Appeter	
Mr.		<sup>US-</sup> 3,927,992	12-23-1975	KERLEY		
m		<sup>US-</sup> 3,443,916	05-13-1969	ROLFE		
m		<sup>US-</sup> 3,837,820	09-24-1974	KUKIN		
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	EP 0 268 353 A1	05-25-1988	DOYLE et al.			
	EP 1 431 372 A2	06-23-2004	ARADI et al.			
	EP 1 431 372 A3	10-27-2004	ARADI et al.			
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	Cite No.1	Country Code <sup>3</sup> Number <sup>4</sup> "Kind Code <sup>4</sup> (# known)  EP 0 268 353 A1  EP 1 431 372 A2	Foreign Patent Document   Publication Date   MM-DD-YYYY	Date   MM-DD-YYYY	Foreign Patent Document   Publication Date   MM-DD-YYYY   MM-DD-YYYY	Cite   No.*   Foreign Patent Document   Publication   Date   MM-DD-YYYY   Mmper * "Kind Code* (# known)   EP 0 268 353 A1   05-25-1988   DOYLE et al.   EP 1 431 372 A2   06-23-2004   ARADI et al.     ARADI et al.     Code * Cite * Code * Cite *

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